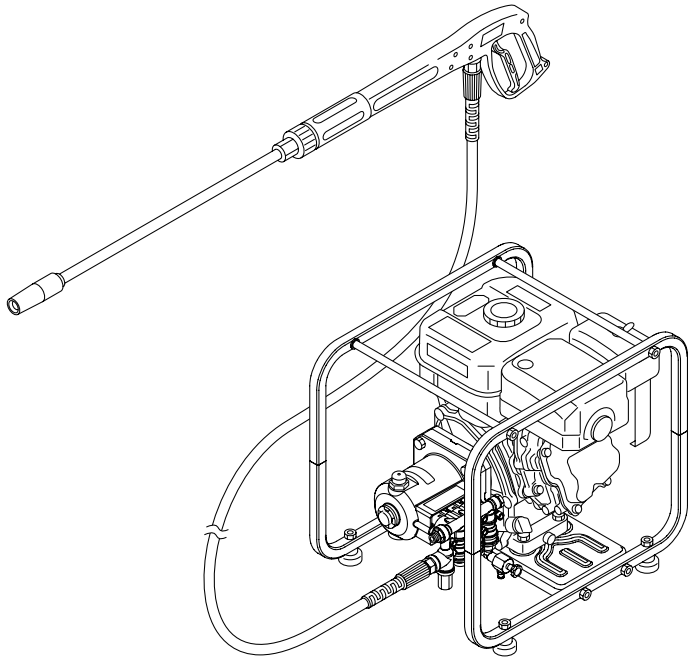
PARTS LIST

TSW12B



2013.09.

BIG M (MARUYAMA)

P/N E523388

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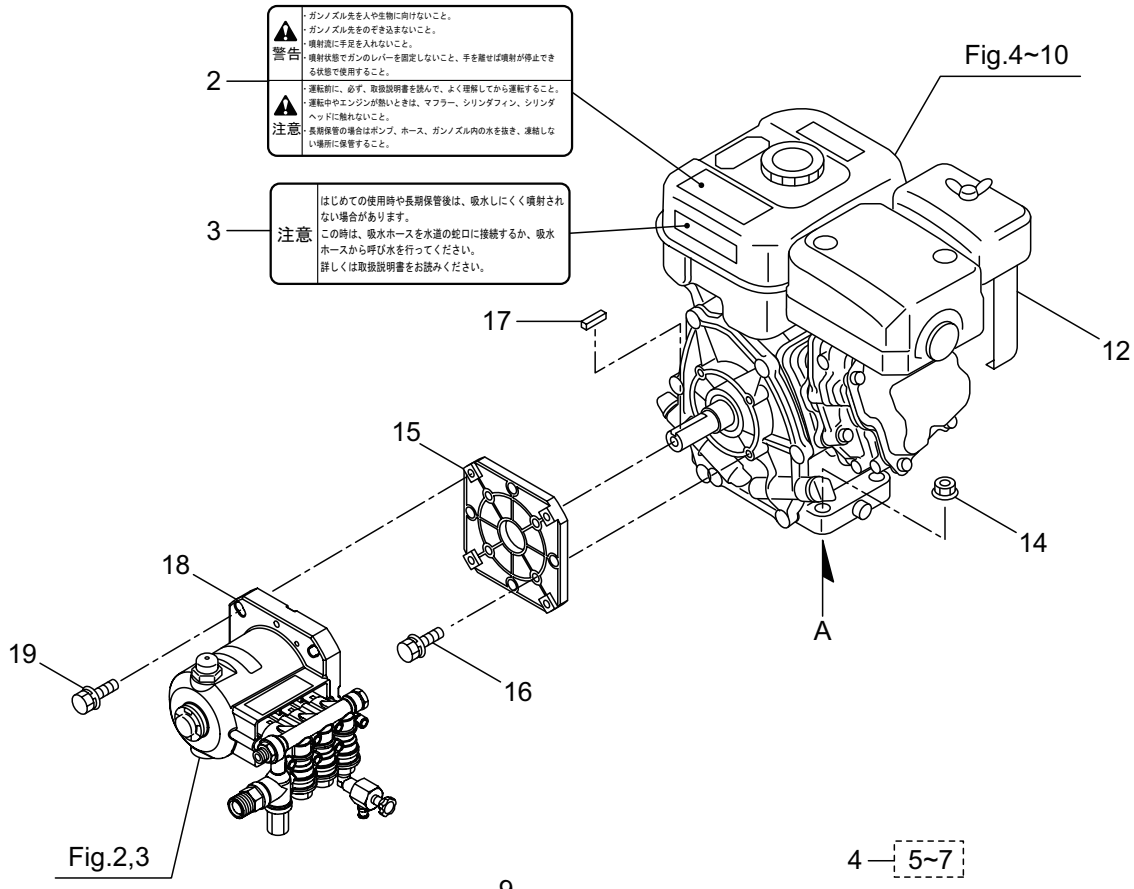
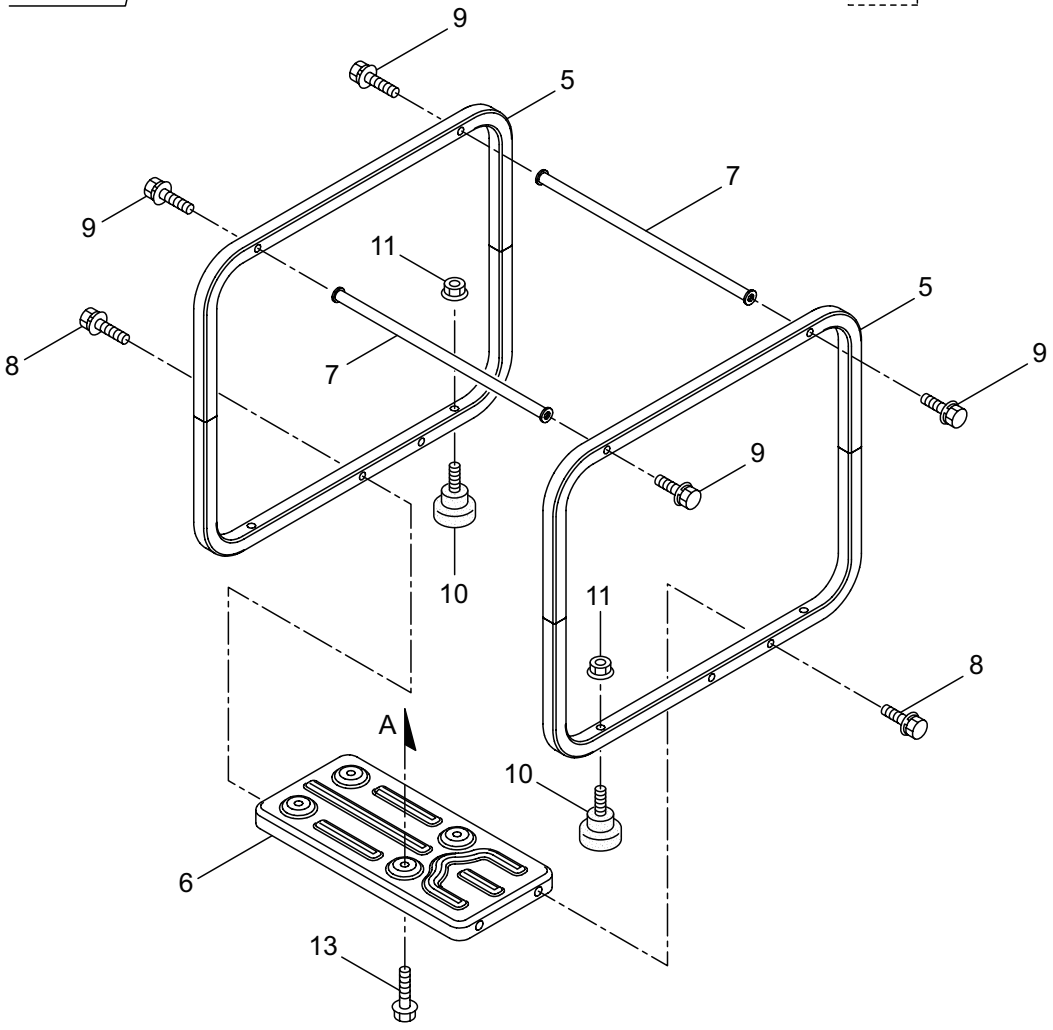
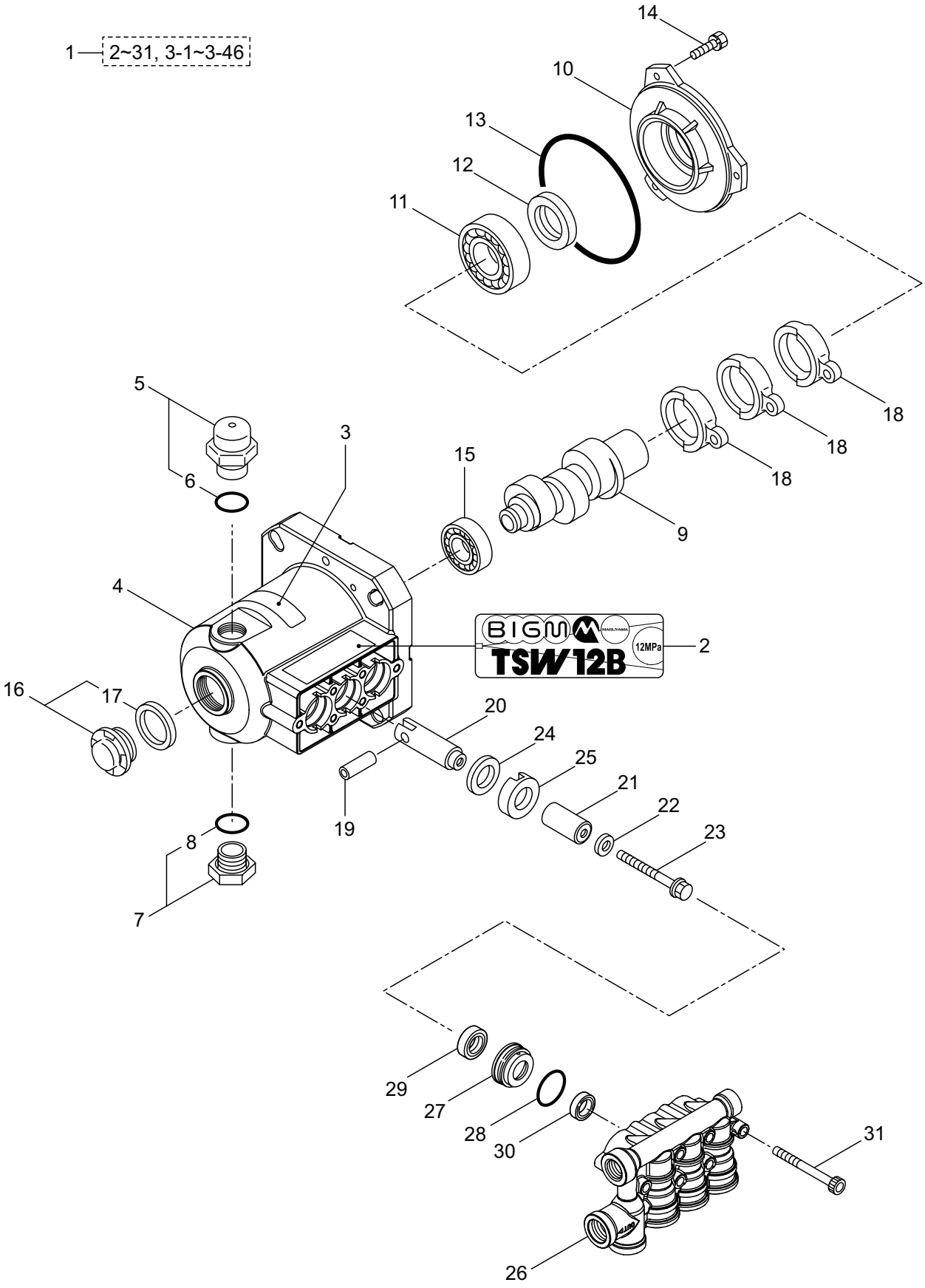
1. TSW12B
MAIN BODY





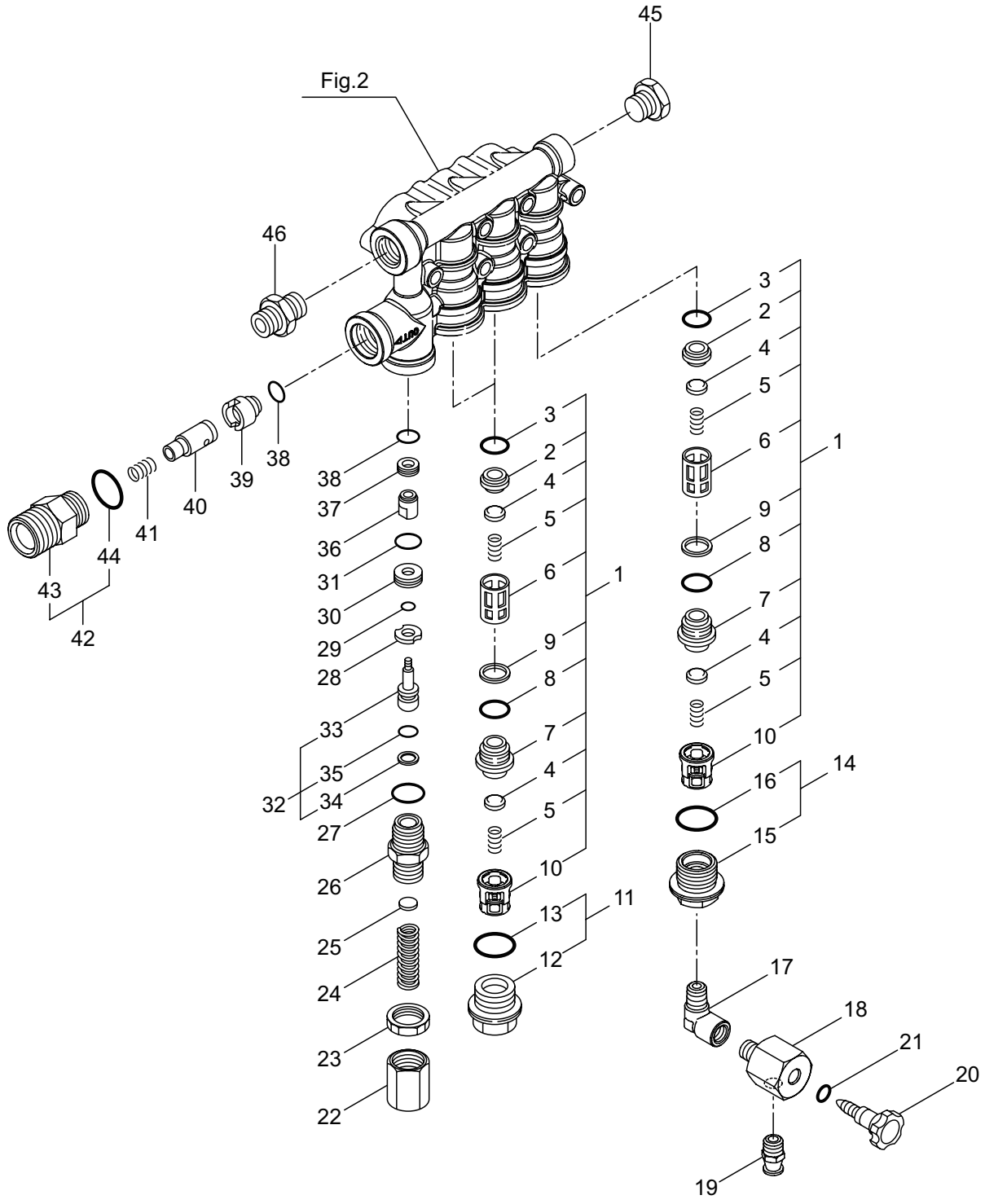
Ref. No.	Parts No.	Parts Name	Q'ty	Remarks
1-1	316158	TSW12B	1	
1-2	131201	Warning Label	1	Gun Nozzle
1-3	131289	Caution Sticker	1	Suction
1-4	131281	Frame Set	1	Incl.5-7
1-5	131203	Frame CP.	2	
1-6	131206	Base CP.	1	
1-7	131208	Handle CP.	2	
1-8	126764	Bolt WSW	4	M8X35(SM)
1-9	126764	Bolt WSW	4	M8X35(SM)
1-10	106378	Buffer	4	30-M8X36.8
1-11	126201	Flange Nut	4	M8
1-12	131211	Engine	1	EX170DM3160
1-13	092526	Bolt W	4	M8X35(M)
1-14	126201	Flange Nut	4	M8
1-15	046271	Flange	1	
1-16	131212	Bolt WSW	4	5/16-24UNFX20SM
1-17	547162	Key	1	3/16X3/16X38L
1-18	818531	GS4DNX27 Pump	1	
1-19	541141	Bolt WSW	4	3/8-16UNCX35SMK

2. TSW12B
PUMP-1



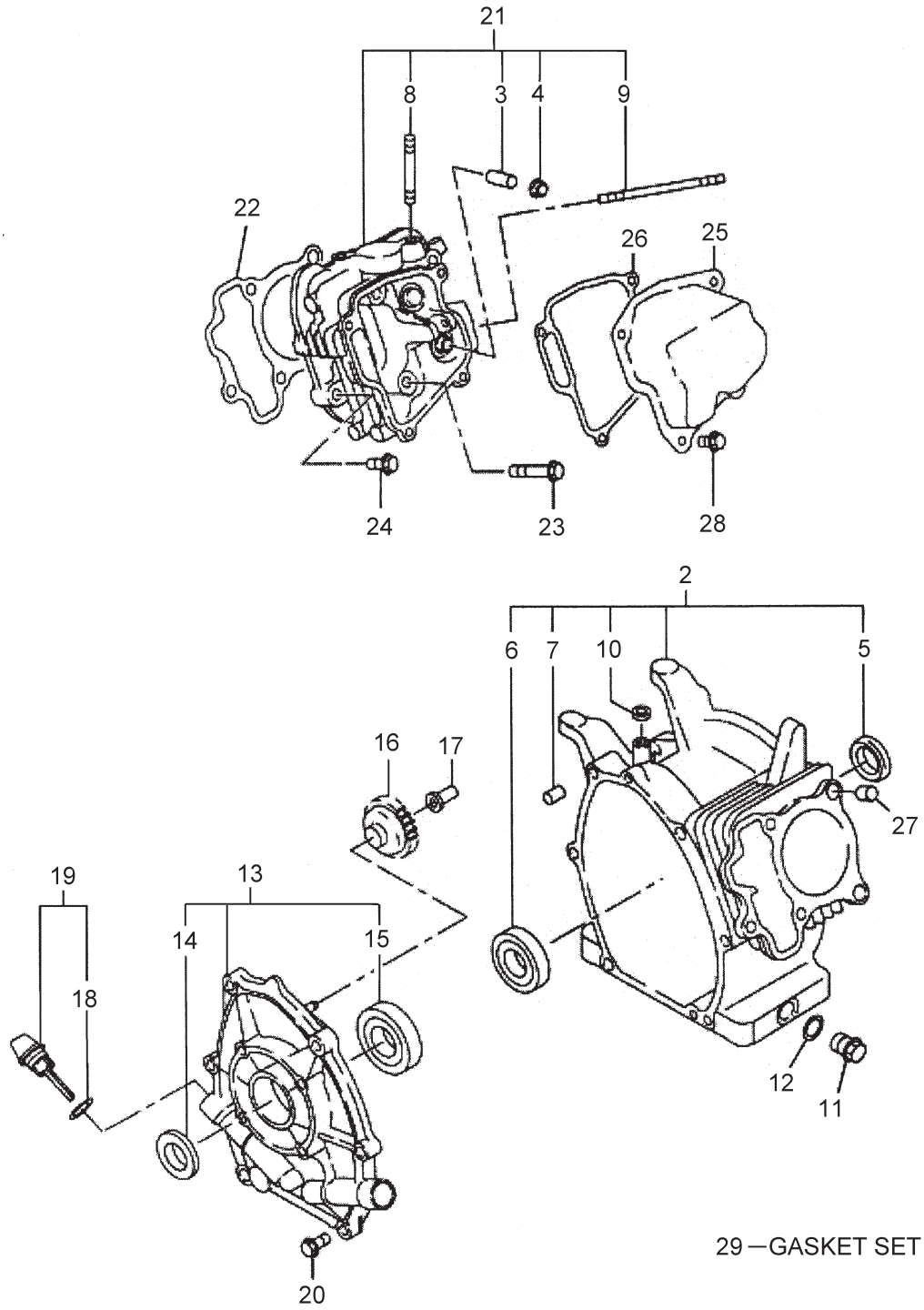
Ref. No.	Parts No.	Parts Name	Q'ty	Remarks
2-1	818531	GS4DNX27 Pump	1	Incl.Fig.2-Fig.3
2-2	131182	Name Sticker	1	TSW12B BIG-M
2-3	101388	Caution Sticker		
2-4	049801	Crank Case	1	
2-5	547961	Oil Cap Ass'y	1	Incl.6
2-6	014179	O-Ring	1	P20
2-7	811174	Plug Ass'y	1	Incl.8
2-8	014179	O-Ring	1	P20
2-9	049882	Crank Shaft	1	
2-10	547153	Bearing Case	1	
2-11	014488	Bearing	1	#6006
2-12	055337	Oil Seal	1	D30428
2-13	014041	O-Ring	1	S100
2-14	549360	Bolt (+)SW	3	M6X14
2-15	015710	Bearing	1	#6204
2-16	092241	Oil Gauge Ass'y	1	Incl.17
2-17	044428	Packing	1	25X34XT2
2-18	547048	Connecting Rod	3	
2-19	046229	Piston Pin	3	
2-20	542402	Piston	3	
2-21	547091	Sleeve	3	
2-22	046730	Seal Washer	3	
2-23	542405	Flange Bolt	3	M6X35
2-24	047215	Oil Seal	3	SC16267
2-25	046233	Seal Packing Retainer	3	
2-26	049763	Manifold	1	
2-27	049804	Seal Case	3	
2-28	013976	O-Ring	3	S25
2-29	049816	U-Packing B	3	
2-30	049824	U-Packing A	3	
2-31	549357	Bolt	6	M6X60

3. TSW12B
PUMP-2 (Valve)



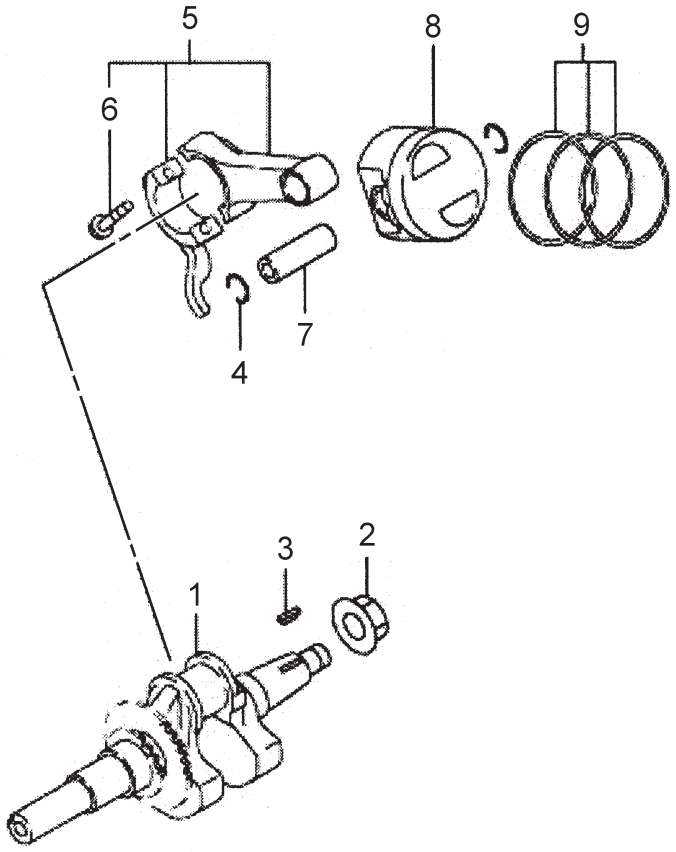
Ref. No.	Parts No.	Parts Name	Q'ty	Remarks
3-1	049808	Valve Ass'y	3	Incl.2-10
3-2	547077	Valve Seat	3	
3-3	017428	O-Ring	3	P10
3-4	547098	Valve	6	
3-5	046865	Spring	6	
3-6	543988	Valve Sack	3	
3-7	547076	Valve Seat	3	
3-8	043358	O-Ring	3	12.3X1.6
3-9	048361	Back-Up Ring	3	12.5X15X1 Bias Cut
3-10	049764	Valve Sack	3	
3-11	547104	Plug Ass'y	2	Incl.12,13
3-12	547078	Plug	2	M20X1.5
3-13	142807	O-Ring	2	P18
3-14	131183	Plug Ass'y	1	Incl.15,16
3-15	131184	Plug	1	M20X1.5-RC1/8
3-16	142807	O-Ring	1	P18
3-17	131185	Elbow	1	
3-18	541778	Air Bleeder	1	
3-19	541559	Adapter	1	
3-20	027441	Needle Valve	1	
3-21	011341	O-Ring	1	3X2
3-22	547798	Pressure Regulator Cap	1	
3-23	045070	Nut	1	M18X1
3-24	549356	Spring	1	
3-25	549352	Plate	1	11XT2.3
3-26	547799	Piston Guide	1	
3-27	026133	O-Ring	1	S16
3-28	046250	Washer	1	
3-29	017399	O-Ring	1	P6
3-30	046249	Sleeve	1	
3-31	013966	O-Ring	1	S12.5
3-32	811301	Piston Ass'y	1	Incl.33-35
3-33	045694	Piston	1	
3-34	020184	Back-Up Ring	1	P8 Bias Cut
3-35	014190	O-Ring	1	P8
3-36	547800	Valve	1	
3-37	049664	Valve Seat	1	
3-38	013963	O-Ring	2	S10
3-39	046254	Valve Seat	1	
3-40	541060	Valve CP. (2SF)	1	
3-41	045924	Spring	1	
3-42	131186	Adapter Ass'y	1	Incl.43,44
3-43	131188	Adapter	1	M22X1.5-M18X1
3-44	026133	O-Ring	1	S16
3-45	101556	Plug	1	1/4-18NPT
3-46	028371	Nipple	1	3/8-18NPTXPF1/2

4. TSW12B
ENGINE (Crankcase, Cylinder Head)



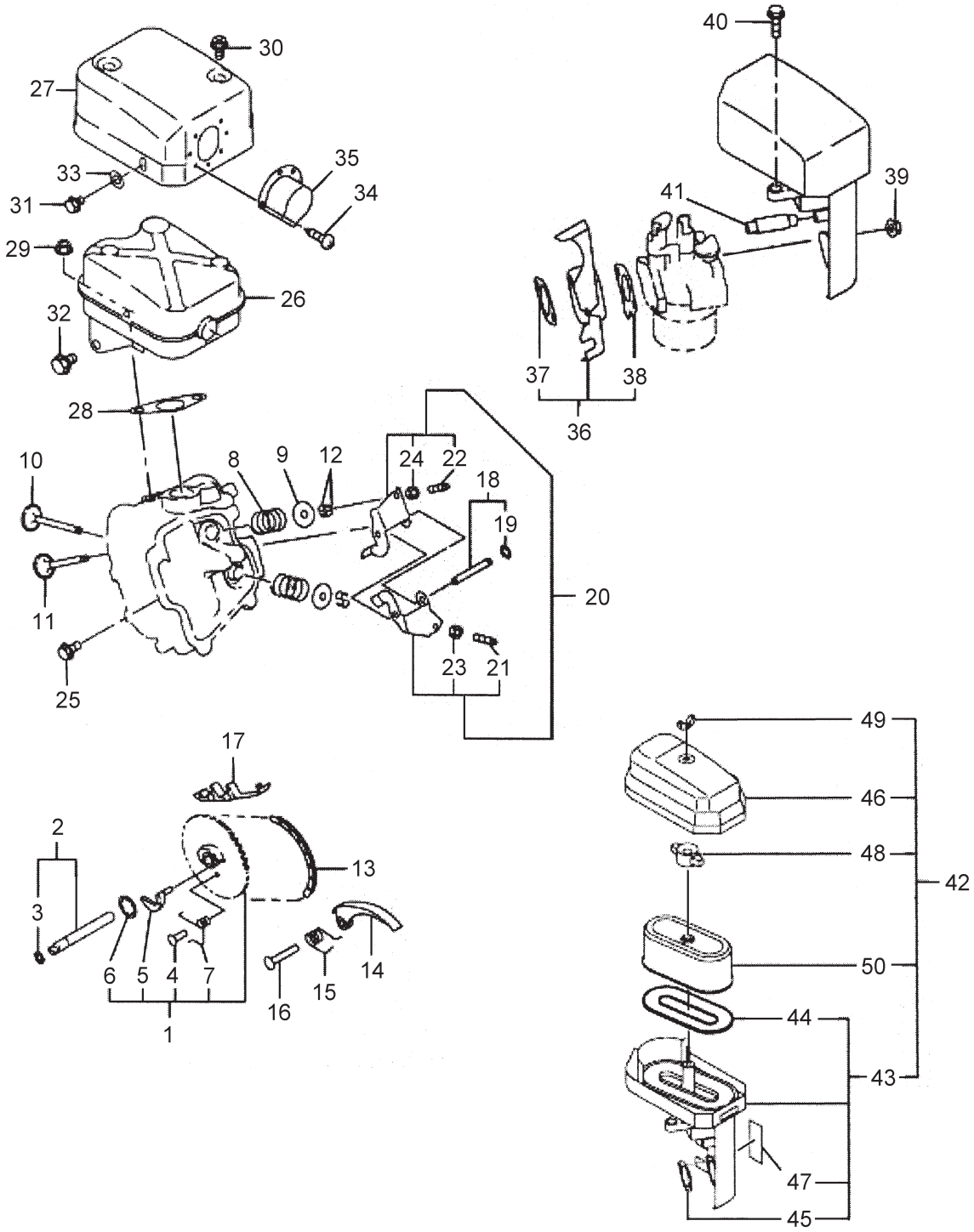
Ref. No.	Parts No.	Parts Name	Q'ty	Remarks	
4-1	131211	Engine	1	EX170DM3160	
4-2	417107	Crankcase CP.	1	Incl.5-7,10	277-10101-41
4-3	627981	Valve Guide	2		237-14202-03
4-4	647453	Stem Seal	1		277-16010-01
4-5	647454	Oil Seal	1		044-02502-00
4-6	647455	Bearing	1		060-02800-21
4-7	647456	Knock Pin	2		277-15011-03
4-8	582498	Stud	2		010-50802-50
4-9	647457	Stud	2		010-50603-51
4-10	647458	Oil Seal	1		044-00600-20
4-11	998006	Plug	2		040-11400-30
4-12	998005	Gasket	2		021-11400-20
4-13	420119	Main Bearing Cover CP.	1	Incl.14,15	277-11002-21
4-14	647460	Oil Seal	1		044-02502-10
4-15	417040	Bearing	1		X60-02501-40
4-16	417041	Governor Gear CP.	1		277-45004-K1
4-17	417042	Sleeve	1		277-41902-01
4-18	417043	Gasket	2		277-63601-08
4-19	417044	Oil Gauge Ass'y	2	Incl.18	277-63601-30
4-20	647466	Flange Bolt	6		001-04083-50
4-21	417108	Cylinder Head CP.	1	Incl.3,4,8,9	277-13001-11
4-22	420120	Gasket	1		277-15001-43
4-23	647469	Flange Bolt	4		011-00802-40
4-24	647470	Flange Bolt	1		011-00803-10
4-25	417047	Rocker Cover CP.	1		277-15503-01
4-26	647472	Gasket	1		277-16001-13
4-27	647456	Knock Pin	2		277-15011-03
4-28	997940	Flange Bolt	4		011-00600-20
4-29	420121	Gasket Set	1		277-99001-57

5. TSW12B
ENGINE (Crank Shaft, Piston)



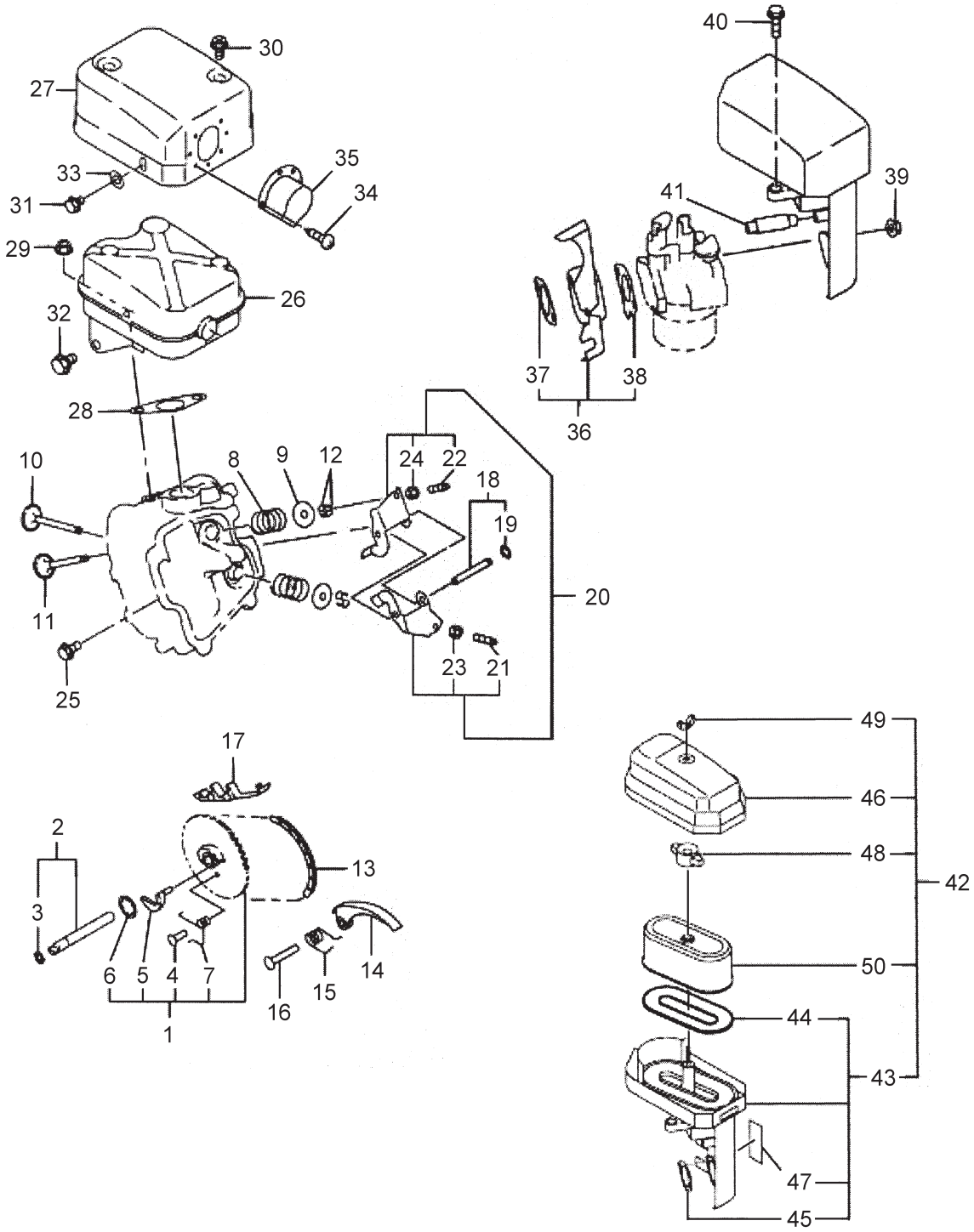
Ref. No.	Parts No.	Parts Name	Q'ty	Remarks	
5-1	420122	Crank Shaft CP.	1		277-20901-51
5-2	647475	Flange Nut	1		018-01400-20
5-3	998021	Key	1		032-30300-10
5-4	998034	Clip	2		056-51600-10
5-5	417112	Connecting Rod Ass'y	1	STD Incl.6	277-22501-10
5-5	417113	Connecting Rod Ass'y	1	0.25US Incl.6	277-22502-00
5-6	647480	Rod Bolt	2		277-23001-03
5-7	417114	Piston Pin	1		277-23301-13
5-8	417115	Piston	1	STD	277-23401-J3
5-8	417116	Piston	1	0.25OS	277-23403-J3
5-8	417117	Piston	1	0.50OS	277-23404-J3
5-9	420124	Piston Ring Set	1	STD	277-23531-07
5-9	420125	Piston Ring Set	1	0.25OS	277-23532-07
5-9	420126	Piston Ring Set	1	0.50OS	277-23533-07

6. TSW12B
ENGINE (Air Creaner, Muffler)



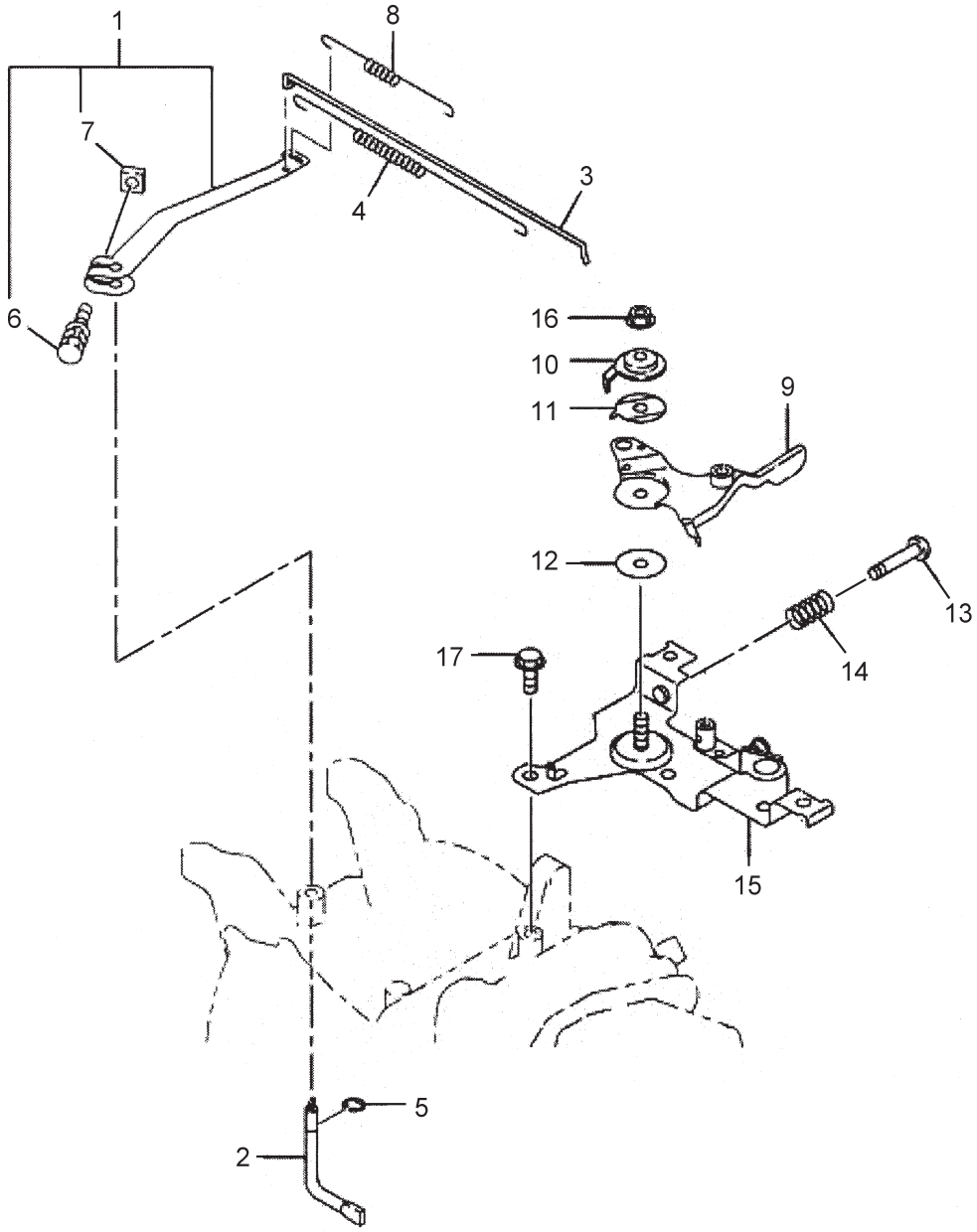
Ref. No.	Parts No.	Parts Name	Q'ty	Remarks	
6-1	420127	Cam Shaft CP.	1	Incl.4-7	277-31601-51
6-2	417061	Pin CP.	1	Incl.3	277-35101-01
6-3	417062	O-Ring	1		024-00600-30
6-4	647491	Pin	1		277-38601-03
6-5	647492	Release Lever	1		277-36401-03
6-6	647493	Clip	1		277-36501-03
6-7	647494	Return Spring	1		277-38702-03
6-8	647495	Valve Spring	2		279-33601-03
6-9	644011	Retainer	2		269-33701-03
6-10	647496	Intake Valve	1		277-33401-H3
6-11	647497	Exhaust Valve	1		277-33501-H3
6-12	644010	Collate Valve	4		132-10KA0-31
6-13	417123	Chain CP.	1		277-35602-H1
6-14	647499	Tensioner	1		277-36911-03
6-15	647500	Spring	1		277-37101-03
6-16	647501	Pin	1		277-36902-03
6-17	647502	Chain Guide	1		277-36913-13
6-18	417067	Pin CP.	1	Incl.19	277-35004-01
6-19	641764	Clip	1		003-13050-00
6-20	420128	Rocker Arm Ass'y	1	Incl.21-24	277-36001-07
6-21	647506	Adjusting Screw	1		014-90500-20
6-22	647506	Adjusting Screw	1		014-90500-20
6-23	647507	Nut	1		017-00500-30
6-24	647507	Nut	1		017-00500-30
6-25	997940	Flange Bolt	1		011-00600-20
6-26	420129	Muffler CP.	1		277-30111-J1
6-27	417125	Cover CP.	1		277-34201-31
6-28	647511	Gasket	1		277-35201-13
6-29	997954	Flange Nut	2		002-38080-00
6-30	647513	Tapping Bolt	2		015-20600-90
6-31	997943	Flange Bolt	1		011-00600-10
6-32	647514	Flange Bolt	1		011-00803-20
6-33	420130	Washer	1		20A-02101-00
6-34	647516	Tapping Screw	2		015-00400-60
6-35	417070	Screen	1		277-37203-H1
6-36	647517	Insulator CP.	1	Incl.37,38	277-32902-J1
6-37	647518	Gasket 2	1		277-35903-J3
6-38	647519	Gasket 1	1		277-35902-J3
6-39	582587	Flange Nut	2		002-38060-00
6-40	417071	Flange Bolt	1		001-04062-00
6-41	417072	Breather Pipe	1		277-32760-08
6-42	420131	Air Creaner Ass'y	1	Incl.43-50	277-32615-20
6-43	420132	Base CP.	1	Incl.44,45,47	277-32630-18
6-44	647523	Packing	1		277-32610-08
6-45	647524	Packing	1		277-32604-08

6. TSW12B
ENGINE (Air Creaner, Muffler)



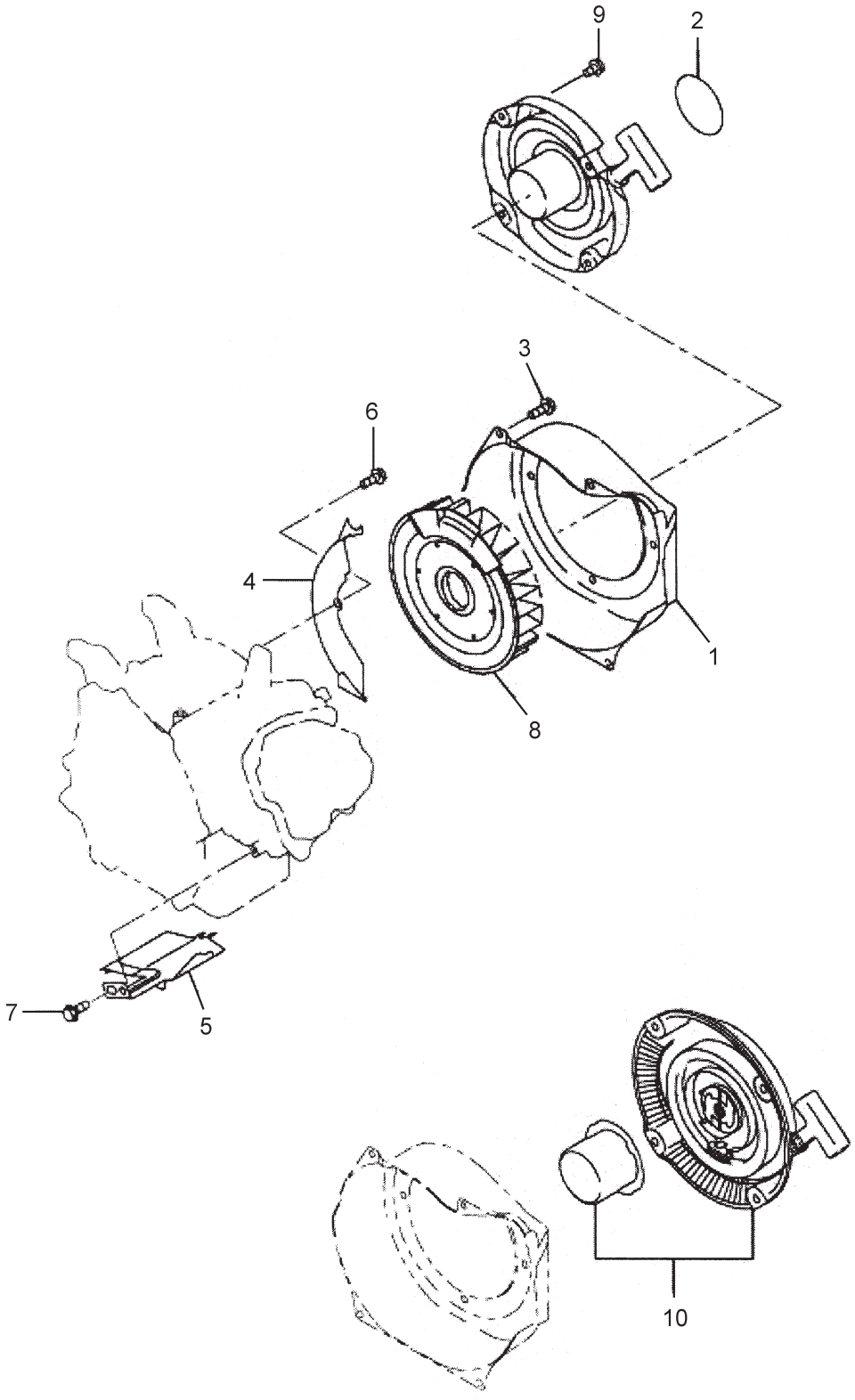
Ref. No.	Parts No.	Parts Name	Q'ty	Remarks
6-46	647525	Cover CP.	1	277-32640-08
6-47	647526	Label	1	277-32609-08
6-48	420133	Wing Nut	1	277-32741-18
6-49	420134	Wing Nut	1	277-32607-08
6-50	647589	Element Set	1	277-32611-07

7. TSW12B
ENGINE (Governor)



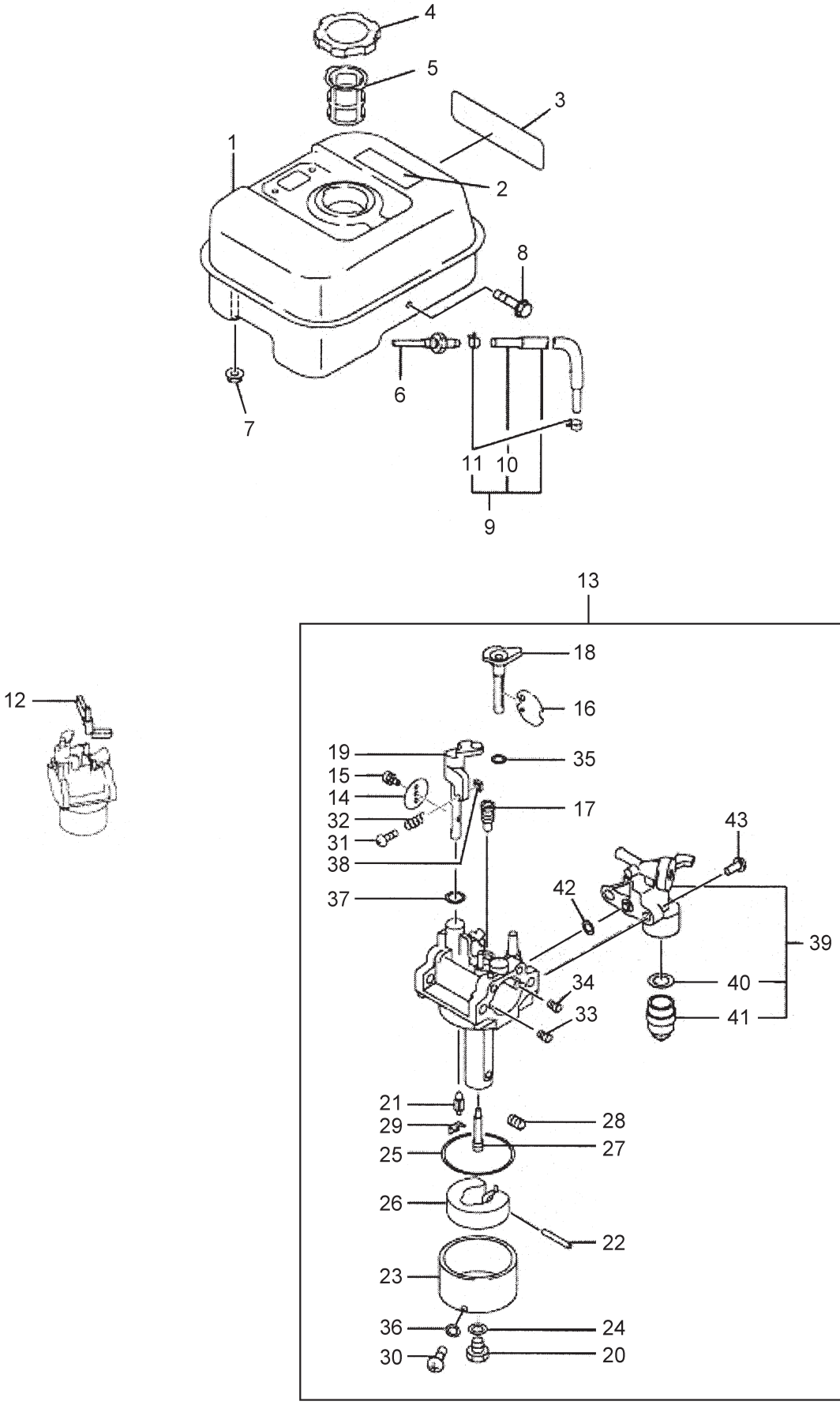
Ref. No.	Parts No.	Parts Name	Q'ty	Remarks	
7-1	417077	Governor Ass'y	1	Incl.6,7	277-42301-40
7-2	647530	Governor Shaft	1		277-42201-33
7-3	417126	Governor Rod	1		277-42701-23
7-4	647532	Spring	1		277-42801-23
7-5	641764	Clip	1		003-13050-00
7-6	997967	Bolt And Washer Ass'y	1		001-14062-50
7-7	997968	Nut	1		018-60600-20
7-8	417079	Governor Spring	1		277-42510-23
7-9	417080	Control Lever	1		277-43303-03
7-10	647538	Stopper	1		277-43502-03
7-11	647539	Washer	1		277-44501-03
7-12	647540	Flection Washer	1		021-70600-70
7-13	999965	Screw	1		004-31062-50
7-14	647541	Spring	1		237-45004-23
7-15	647544	Bracket CP.	1		277-46002-01
7-16	647546	Lock Nut	1		002-35060-00
7-17	997940	Flange Bolt	2		011-00600-20

8. TSW12B
ENGINE (Recoil Starter)



Ref. No.	Parts No.	Parts Name	Q'ty	Remarks
8-1	420135	Blower Housing	1	277-51201-11
8-2	417083	Label	1	073-20058-20
8-3	582563	Flange Bolt	4	011-00600-30
8-4	420136	Baffle 1	1	20A-52711-01
8-5	647549	Baffle 2	1	277-52702-03
8-6	647551	Flange Bolt	1	001-04061-60
8-7	997940	Flange Bolt	1	011-00600-20
8-8	420137	Blower	1	20A-54101-13
8-9	582563	Flange Bolt	4	011-00600-30
8-10	420138	Recoil Starter Ass'y	1	20A-50201-30

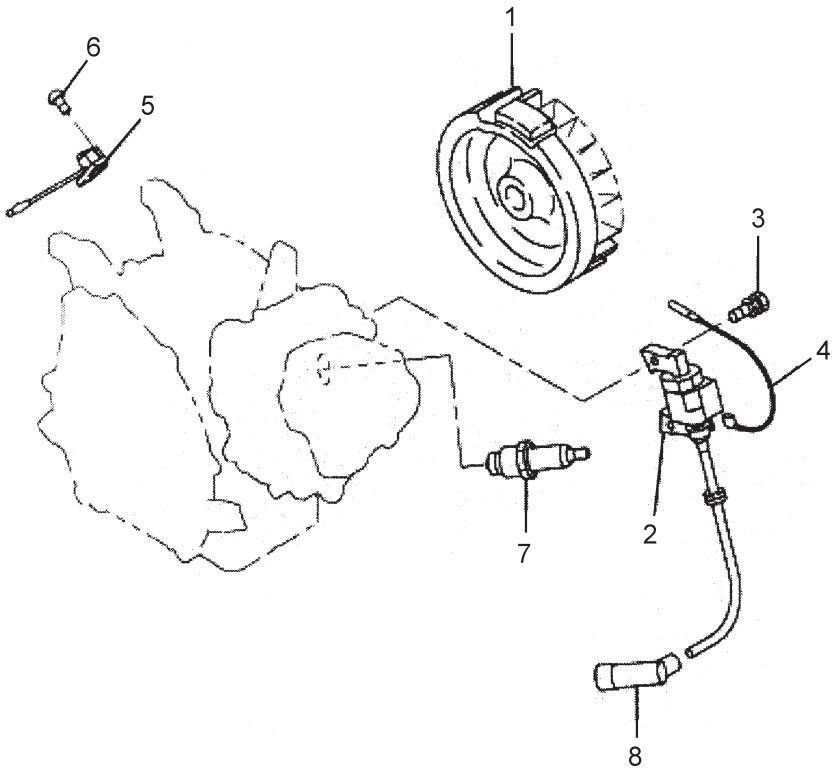
9. TSW12B
ENGINE (Fuel Tank, Carburetor)

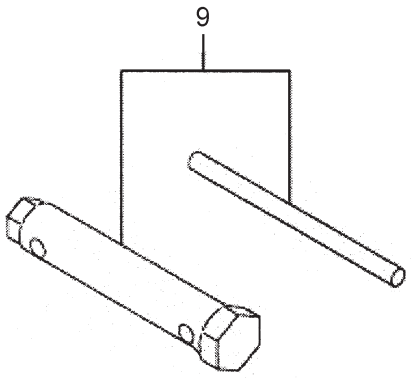


Ref. No.	Parts No.	Parts Name	Q'ty	Remarks	
9-1	420139	Fuel Tank CP.	1		277-60101-21
9-2	420140	Label	1		20F-20049-80
9-3	420141	Label (EX17)	1		277-95112-03
9-4	639056	Cap CP.	1		043-04400-50
9-5	647560	Filter	1		X64-13600-10
9-6	417137	Union	1		X50-51200-20
9-7	582587	Flange Nut	2		002-38060-00
9-8	628036	Flange Bolt	1		011-00601-30
9-9	420142	Fuel Pope CP.	1	Incl.10,11	277-62601-11
9-10	420143	Rubber Pipe	1		X85-10613-51
9-11	420144	Clamp	2		X56-11100-60
9-12	647582	Chock Lever CP.	1		277-43801-01
9-13	420145	Carburetor Ass'y	1	Incl.14-43	277-62302-50
9-14	647566	Throttle Valve	1	#160	277-62535-08
9-15	641980	Screw	1		209-62351-08
9-16	647567	Chock Valve	1		277-62525-08
9-17	639062	Pilot Jet	1	#40	246-62420-08
9-18	647569	Choke Lever	1		277-62520-08
9-19	647570	Throttle Shaft -A	1		277-62531-18
9-20	597786	Bolt	1		227-62451-08
9-21	647571	Needle	1		277-62500-08
9-22	647572	Pin	1		277-62515-08
9-23	647573	Float Body	1		277-62506-08
9-24	583876	Packing	1		214-62450-08
9-25	583877	Chamber Packing	1		214-62540-08
9-26	583878	Float Ass'y	1		226-62506-08
9-27	417142	Main Nozzle	1		277-62440-08
9-28	420146	Main Jet	1	#80	226-62412-08
9-29	639066	Clip	1		226-62701-18
9-30	647576	Bolt	1		277-62360-08
9-31	582613	Screw	1		106-62556-08
9-32	417098	Spring	1		283-62357-08
9-33	631248	Jet (Air)	1		248-62410-08
9-34	647577	Pilot	1		106-62410-08
9-35	628080	Seal	1		236-62680-08
9-36	647578	Packing	1		236-62541-08
9-37	647579	Seal	1		246-62390-08
9-38	417099	Nut	1		277-62553-08
9-39	417100	Fuel Strainer Ass'y	1	Incl.40,41	279-62103-20
9-40	417101	Packing	1		277-62110-18
9-41	417102	Cup	1		277-62100-18
9-42	417103	O-Ring	1		277-62552-08
9-43	417104	Screw	2		165-62377-08

10. TSW12B

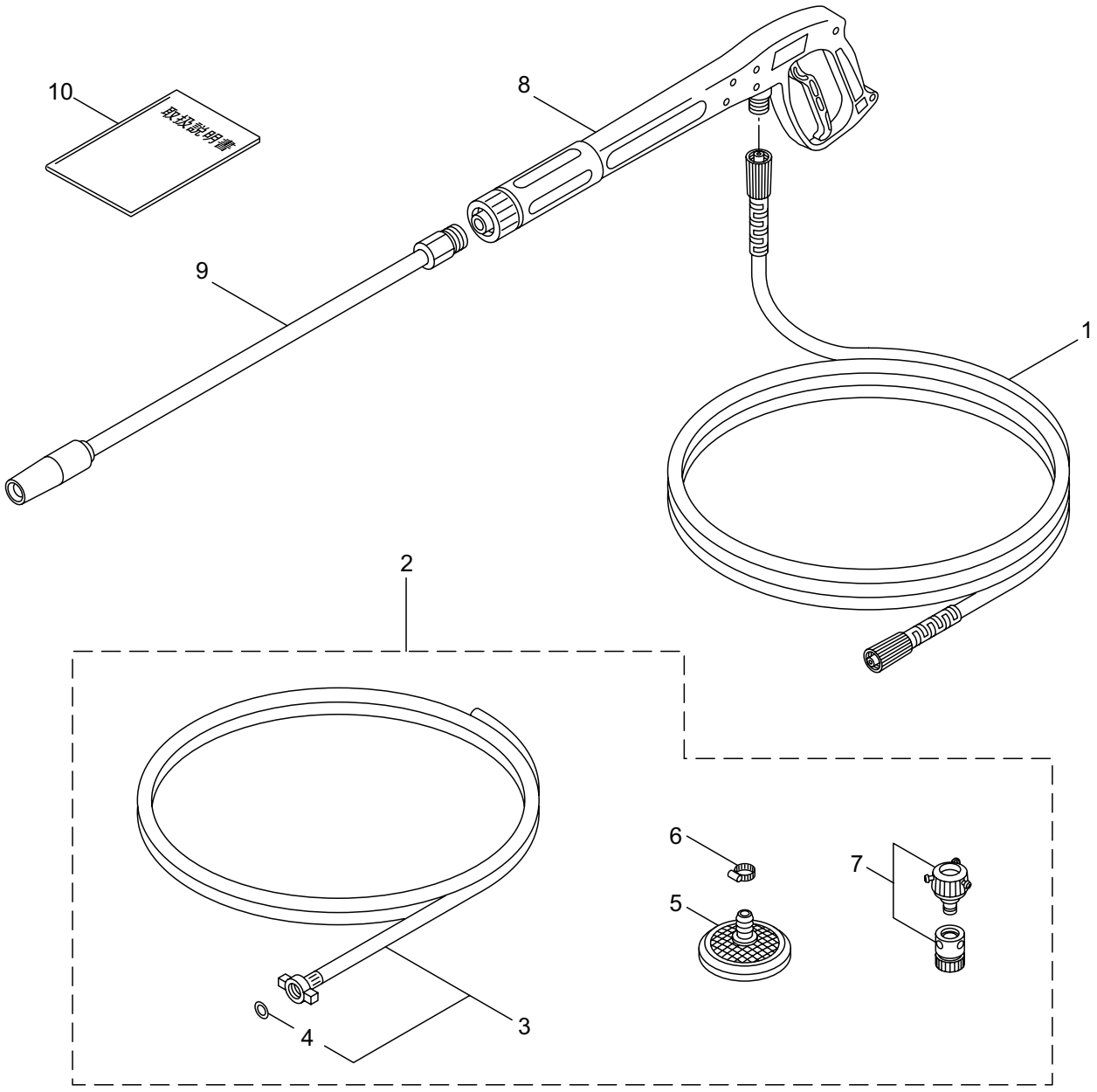
ENGINE (Electrical Parts, Accessories)

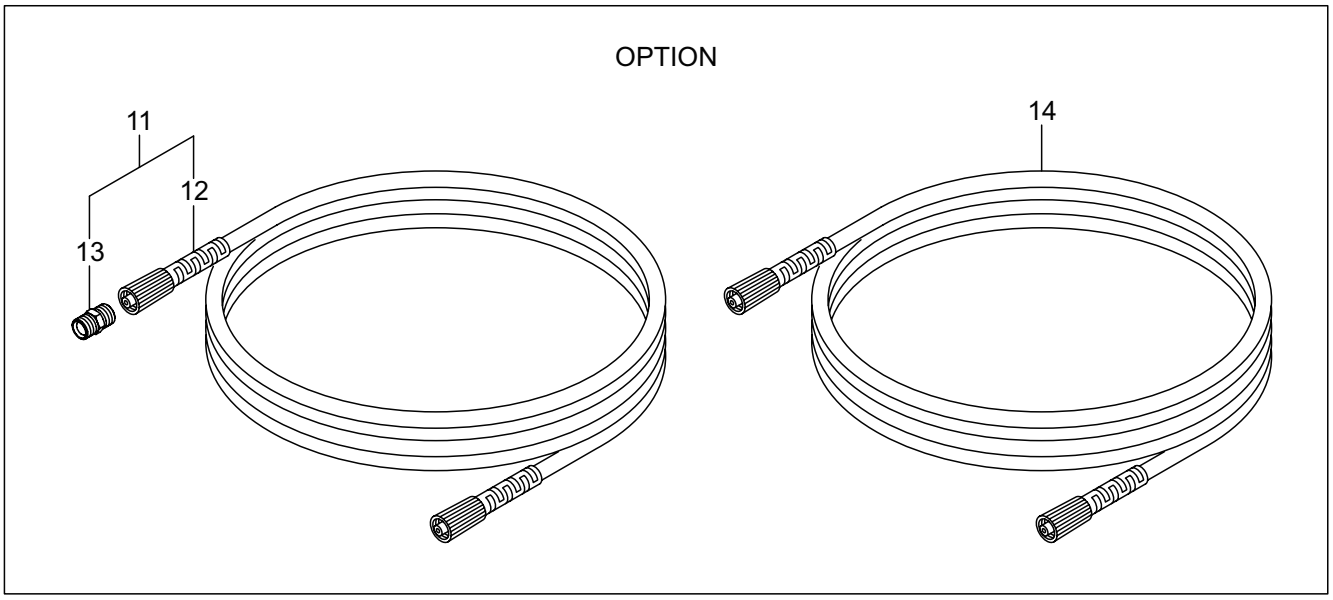




Ref. No.	Parts No.	Parts Name	Q'ty	Remarks
10-1	420147	Fly Wheel CP.	1	20A-79231-01
10-2	420148	Ignition Coil CP.	1	20A-79431-01
10-3	997967	Bolt And Washer Ass'y	2	001-14062-50
10-4	647585	Wire 1 CP.	1	277-73101-H1
10-5	639072	Switch Ass'y	1	066-00004-71
10-6	640047	Tapping Screw	2	015-00400-90
10-7	647586	Spark Plug	1	NGK BR6HS 065-01401-50
10-8	420149	Cap	1	065-50001-10
10-9	420150	Accessory Tool Kit	1	277-90301-J0

11. TSW12B
ACCESSORIES (Hose, Nozzle), OPTION





Ref. No.	Parts No.	Parts Name	Q'ty	Remarks
11-1	131214	High-Pressure Hose CP.	1	6.4X8M(6PH32)
11-2	131296	Suction Hose Set	1	Incl.3-7
11-3	131215	Suction Hose CP.	1	13X19X2.5M Incl.4
11-4	131301	Packing	1	12X18.5XT2
11-5	131303	Suction Strainer Ass'y	1	
11-6	131306	Hose Band	1	
11-7	131307	Coupler Set	1	
11-8	131216	Gun Glip Ass'y	1	
11-9	131217	Variable Nozzle Ass'y	1	
11-10	131218	Instruction Manual	1	TSW12B
		OPTION		
11-11	131364	Extension Hose Set	1	Incl.12,13
11-12	131214	High-Pressure Hose CP.	1	6.4X8M(6PH32)
11-13	131365	Connecting Adapter	1	M22X1.5-M22X1.5
11-14	132238	High-Pressure Hose CP.	1	Type Strong